



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 1536**
Mitsuaki OSHIMA : Docket No. 2004_0216
Serial No. 10/780,550 : Group Art Unit 2616
Filed February 18, 2004 : Examiner Robert Chevalier
COMMUNICATION SYSTEM : **Mail Stop: AMENDMENT**

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

Sir:

In response to the Office Action mailed January 13, 2005, the period for response to which being extend by one month to May 13, 2005, please amend the application as follows.

IN THE CLAIMS:

Please amend claims 6-11 as follows. Please add new claims 12-29 as follows.

6. (Amended) A signal transmission and receiving apparatus for transmitting and receiving a VSB modulated signal having information of a first data stream and a second data stream, the apparatus comprising a transmission apparatus and a receiving apparatus,

said transmission apparatus comprising:

- an interleaver operable to interleave the second data stream to produce an interleaved data stream;

- a modulator operable to modulate the first data stream, without being interleaved, to an m-level VSB modulated signal and modulate the interleaved data stream to an n-level VSB modulated signal, n being an integer larger than m,

wherein the first data stream includes information representing the value of n; and

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